


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|--|--|---|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br>4614-0160PUS1 |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/006682   |  | INTERNATIONAL FILING DATE<br>25 June 2003 |
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/517450</b>  |  | PRIORITY DATE CLAIMED<br>27 June 2002     |
| TITLE OF INVENTION    USE OF AN INTERLEUKIN 1 RECEPTOR ANTAGONIST AND/OR<br>PYRROLIDINEDITHIOCARBAMATE FOR THE TREATMENT OR PROPHYLAXIS OF TYPE<br>2 DIABETES                                  |  |   |
| APPLICANT(S) FOR DO/EO/US    Marc DONATH   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.   |  |   |
| 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.  |  |   |
| 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31).   |  |   |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |  |   |
| a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).   |  |   |
| b. <input type="checkbox"/> has been communicated by the International Bureau.   |  |   |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |
| 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).  |  |   |
| a. <input type="checkbox"/> is attached hereto.  |  |   |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).   |  |   |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))   |  |   |
| a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).   |  |   |
| b. <input type="checkbox"/> have been communicated by the International Bureau.  |  |   |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  |  |   |
| d. <input checked="" type="checkbox"/> have not been made and will not be made.  |  |   |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).   |  |   |
| 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  |  |   |
| 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                   |  |   |
| <b>Items 11 to 20 below concern document(s) or information included:</b>   |  |   |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |  |   |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |   |
| 13. <input checked="" type="checkbox"/> A preliminary amendment.   |  |   |
| 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.   |  |   |
| 15. <input type="checkbox"/> A substitute specification.   |  |   |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter.  |  |   |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |   |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |  |   |
| 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).   |  |   |
| 20. <input checked="" type="checkbox"/> Other items or information: PCT/IPEA/409; PCT/ISA/210; Ten (10) sheets of Formal Drawings  |  |   |

USE IN LIEU OF PTO-1390 (Rev. 10-2004)  
Reflects USPTO filing fees in effect from 12/\_\_\_/04

|  |                     |  |             |  |          |
|--|---------------------|--|-------------|--|----------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/517 450</b>   |                     | INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/006682 |             | ATTORNEY'S DOCKET NUMBER<br>4614-0160PUS1            |          |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:  |                     |  |             | <b>CALCULATIONS</b> PTO USE ONLY                     |          |
| <b>BASIC NATIONAL FEE</b>  |                     |  |             |  |          |
| Filing Fee   |                     |  |             | \$   | 300.00   |
| Search Fee   |                     |  |             | \$   | 500.00   |
| Examination Fee  |                     |  |             | \$   | 200.00   |
| Application Size Fee, each additional 50 sheets over 100 sheets  |                     |  |             | \$   |          |
| <b>TOTAL FILING FEE =</b>  |                     |  |             | \$   | 1,000.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |                     |  |             | \$   | 130.00   |
| <b>CLAIMS</b>  | <b>NUMBER FILED</b> | <b>NUMBER EXTRA</b>                                | <b>RATE</b> |  |          |
| Total claims   | 14-20 =             | 0  | x 0.00      | \$   | 0.00     |
| Independent claims   | 4-3 =               | 1  | x 200       | \$   | 200.00   |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)  |                     |  | + 360       | \$   | 360.00   |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                     |  |             | \$   | 1,690.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                     |  |             | \$   |          |
| <b>SUBTOTAL =</b>  |                     |  |             | \$   | 1,690.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |                     |  |             | \$   |          |
| <b>TOTAL NATIONAL FEE =</b>  |                     |  |             | \$   | 1,690.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  |                     |  |             | \$   | 0.00     |
| <b>TOTAL FEES ENCLOSED =</b>   |                     |  |             | \$   | 1,690.00 |
|  |                     |  |             | <b>Amount to be refunded:</b>                        | \$       |
|  |                     |  |             | <b>Amount to be charged:</b>                         | \$       |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,690.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> |                     |  |             |  |          |
| <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b></p>  |                     |  |             |  |          |
| SEND ALL CORRESPONDENCE TO:  |                     |  |             |  |          |
|   |                     |  |             | SIGNATURE: <u>Leonard R. Svensson</u><br>NAME: _____ |          |
| CUSTOMER NUMBER: 02292<br>December 9, 2004<br>LRS/CAM/nl   |                     |  |             | 30,330<br>REGISTRATION NUMBER                        |          |